EGFR Rabbit Polyclonal Antibody

CAB11352

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

170kDa

Calculated MW:

44kDa/69kDa/77kDa/134kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse

Protein Background

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.

Immunogen information

Gene ID:
1956

Uniprot
P00533

Synonyms:
EGFR; ERBB; ERBB1; HER1; NISBD2; PIG61; mENA

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1021-1210 of human EGFR (NP_005219.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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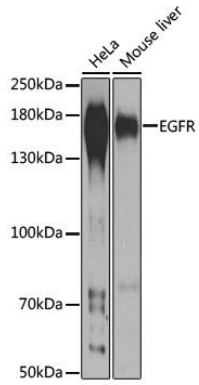
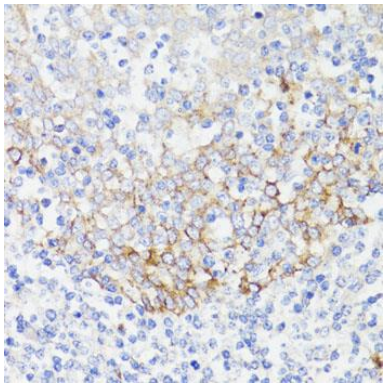
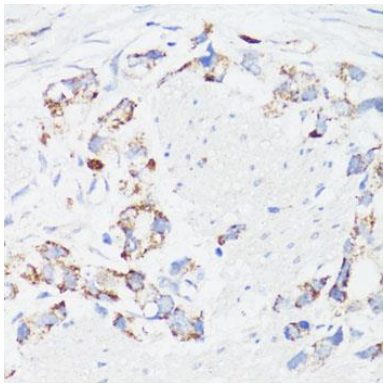
Product Images



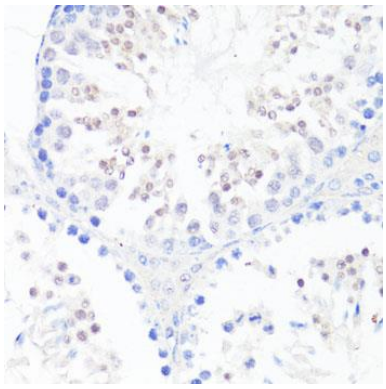
Western blot analysis of extracts of various cell lines, using EGFR antibody (CAB11352) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human tonsil using EGFR antibody (CAB11352) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using EGFR antibody (CAB11352) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using EGFR antibody (CAB11352) at dilution of 1:150 (40x lens).